



PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032  
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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing      OR       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e))

Attorney Docket Number	85172-102
First Named Inventor	Phillip Guy
COMPLETE IF KNOWN	
Application Number	09 / 720,206
Filing Date	May 3, 2001
Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NON-SYMBIOTIC PLANT HEMOGLOBINS TO MAINTAIN CELL ENERGY STATUS**

the specification of which

(Title of the Invention)

 is attached hereto

OR

 was filed on (MM/DD/YYYY)  as United States Application Number or PCT InternationalApplication Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	Foreign Filing Date	Priority	Certified Copy Attached? YES	NO
60/090,929	26 June 1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60/106,638	2 November 1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FROM ADE &amp; COMPANY

(TUE) DEC 21 2004 12:24/ST. 12:23/NO. 6310677290 P 2

11/14/2002 16:04 FAX 204 47 328

CEREGEN

1002

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UN PLANT SCIENCE



PTO/SB/01 (08-07)  
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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	23529	<input type="checkbox"/> Correspondence address below
<b>Name</b> ADE & COMPANY				
<b>Address</b> 1700-360 Main Street				
<b>City</b> Winnipeg	<b>State/Province</b>		<b>ZIP</b> R3C 2Z3	
<b>Country</b> Canada	<b>Telephone</b> 204-947-1429		<b>Fax</b> 204-942-9723	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
<b>Given Name</b> (First and middle [(if any)]) Phillip		<b>Family Name</b> or Surname Gay		
<b>Inventor's Signature</b>		<b>Date</b>		
<b>Residence: City</b> Winnipeg	<b>State/Province</b> MB	<b>Country</b> CA	<b>Citizenship</b> CA	
<b>Mailing Address</b> 451 Delta Centre, University of Manitoba				
<b>City</b> Winnipeg	<b>State/Province</b>	<b>ZIP</b> R3T 5V4	<b>Country</b> Canada	
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
<b>Given Name</b> (First and middle [(if any)]) Stephen		<b>Family Name</b> or Surname Doff		
<b>Inventor's Signature</b> <i>Stephen Doff</i>		<b>Date</b>		
<b>Residence: City</b> St. Louis	<b>State/Province</b> MO	<b>Country</b> USA	<b>Citizenship</b> CA	
<b>Mailing Address</b> 1952 SEVEN PINES DR.				
<b>City</b> Winnipeg	<b>State/Province</b> MB	<b>ZIP</b> R3M 2G2	<b>Country</b> Canada	
<input type="checkbox"/> Additional inventors are being named on _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.				

(Page 2 of 2)

FROM ADE &amp; COMPANY

(TUE) DEC 21 2004 12:24/ST. 12:23/N0. 6310677290 P 3

18-11-2002 12:34PM FROM-POTATO RESEARCH CENTRE

508-452 16

T-166 P.002/003 F-858

Please type a plus sign (+) inside this box --> 

PTO/SB/USA (11-02)

Approved for use through 10/01/2002. GMR 0881-0002

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION****ADDITIONAL INVENTOR(S)  
Supplemental Sheet**

Page \_\_\_\_ of \_\_\_\_

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle if any)		Family Name or Surname		
Nic	Xianzhou			Date
Inventor's Signature				Date
Residence: City	Winnipeg	State	MB	Country
Mailing Address	631 Drake Centre, University of Manitoba			
Mailing Address				
City	Winnipeg	State	MB	ZIP R3T 5V4
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle if any)		Family Name or Surname		
Robert				Date
Inventor's Signature				Date
Residence: City	Winnipeg	State	MB	Country
Mailing Address	631 Drake Centre, University of Manitoba			
Mailing Address				
City	Winnipeg	State	MB	ZIP R3T 5V4
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle if any)		Family Name or Surname		
Douglas				Date
Inventor's Signature				Date
Residence: City	Winnipeg	State	MB	Country
Mailing Address	631 Drake Centre, University of Manitoba			
Mailing Address				
City	Winnipeg	State	MB	ZIP R3T 5V4

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(8-11-2002 12:34PM FROM POTATO RESEARCH CENTRE)

508-452 16

T-168 P-003/003 F-858

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PTO/AFB/RA (11-00)

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**DECLARATION****ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page \_\_\_\_\_ of \_\_\_\_\_**

Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle if any)		Family Name or Surname		
Nic		Xianzhao		
Inventor's Signature	<i>Xianzhao</i>			Date
Residence: City	Fredericton	State	MB NB	Country CA
Mailing Address	Potato Research Centre, AAFC			
Mailing Address	850 Lincoln Road, P. O. Box 20280			
City	Fredericton	State	MB NB	ZIP E3B 4Z7
				Citizenship CA
Name of Additional Joint Inventor, If any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle if any)		Family Name or Surname		
Robert		Hill		
Inventor's Signature	<i>R. D. Hill</i>			Date
Residence: City	Winnipeg	State	MB	Country CA
Mailing Address	631 Drake Centre, University of Manitoba			
Mailing Address				
City	Winnipeg	State	MB	ZIP R3T 5V4
				Country Canada
Name of Additional Joint Inventor, If any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle if any)		Family Name or Surname		
Douglas		Darrow		
Inventor's Signature	<i>Douglas L Darrow</i>			Date
Residence: City	Winnipeg	State	MB	Country CA
Mailing Address	631 Drake Centre, University of Manitoba			
Mailing Address				
City	Winnipeg	State	MB	ZIP R3T 5V4
				Country Canada

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W.F. Pierre Fabre Médicament Polska NR FAKSU 1 022 840 69 68

20 L15, 2002 10:24 STR. 2

11/20/2002 10:48 PAX 204 7528

UV PLANT SCIENCE

2002

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PTO/EBM/DOA (11-02)

Approved for use under 14 CFR 101.606. GMB 061-0002

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**DECLARATION****ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle if any)		Family Name or Surname		
Aleksander		Snow		
Inventor's Signature	<i>Aleksander Snow</i>			Date <u>20/11/2002</u>
Residence City	Winnipeg	State MB	Country Canada	Citizenship CA
Mailing Address	631 Druks Centre, University of Manitoba			
Mailing Address				
City	Winnipeg	State MB	ZIP B3 5V4	Country CA
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle if any)	Family Name or Surname			
Inventor's Signature				Date
Residence City		State	Country	Citizenship
Mailing Address				
Mailing Address				
City		State	ZIP	Country
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle if any)	Family Name or Surname			
Inventor's Signature				Date
Residence City		State	Country	Citizenship
Mailing Address				
Mailing Address				
City		State	ZIP	Country

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(FED) NOV 18 2002 15:28/ST. 15:28/NO. 83/0671583 p 5 FROM ADE &amp; COMPANY

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UWYKŁAD FABRYK MEDYCZNYCH POLSKA NR FAKSU : 022 840 69 68

20 L15, 2002 18:25 STR.3

11/20/2002 10:45 PAY 204 4.4 7528

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TOSSNORA (11-01)

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**DECLARATION****ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1**

Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Aleksander WEJDYSKAW		SOWA		
Inventor's Signature	<i>Aleksander Sowa</i>			Date 20/11/2002
Residence City	WARSAW	State	COUNTRY POLAND	Citizenship POLISH
Mailing Address	RABBIKOW 10/3			
Mailing Address	05-870 BEONIE			
City	State	ZIP	Country POLAND	
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature				Date
Residence City		State	COUNTRY	Citizenship
Mailing Address				
Mailing Address				
City	State	ZIP	Country	
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature				Date
Residence City		State	COUNTRY	Citizenship
Mailing Address				
Mailing Address				
City	State	ZIP	Country	

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5 (WED) NOV 18 2002 16:28/ST. 16:28/NO. 6310677583 P

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002



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## DECLARATION — Utility or Design Patent Application

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<b>Name</b> Ade & Company				
<b>Address</b> 1700-340 Main Street				
<b>City</b> Winnipeg	<b>State</b> Manitoba	<b>ZIP</b> R3C 3Z3		
<b>Country</b> Canada	<b>Telephone</b> 204-642-1429		<b>Fax</b> 204-642-5723	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>				
<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
<b>Given Name</b> (first and middle (if any)) Philip		<b>Family Name</b> or Surname Gay		
<b>Inventor's Signature</b> 		<b>Date</b> 20 Nov 2002		
<b>Residence:</b> City Winnipeg		<b>State</b> MB	<b>Country</b> CA	<b>Citizenship</b> CA
<b>Mailing Address</b> 631 Drake Centre, University of Manitoba				
<b>City</b> Winnipeg	<b>State</b> Manitoba	<b>ZIP</b> R3T 5V4	<b>Country</b> Canada	
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
<b>Given Name</b> (first and middle (if any)) Stephen		<b>Family Name</b> or Surname Duff		
<b>Inventor's Signature</b>		<b>Date</b>		
<b>Residence:</b> City Winnipeg		<b>State</b> MB	<b>Country</b> CA	<b>Citizenship</b> CA
<b>Mailing Address</b> 631 Drake Centre, University of Manitoba				
<b>City</b> Winnipeg	<b>State</b> Manitoba	<b>ZIP</b> R3C 3Z3	<b>Country</b> Canada	
<input type="checkbox"/> Additional inventors are being named on _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.				

(Page 2 of 2)

(WED) NOV 13 2002 15:28/ST. 15:26/NO. 6310677589 P 3

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(TUE) DEC 21 2004 12:24/ST. 12:23/NO. 6310677290 P 8  
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11/14/2002 12:38 FAX 204 474 7528

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D002

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Direct all correspondence to:  Customer Number  
or Bar Code Label **23519** OR  Correspondence address below

Name **Ade & Company**Address **1700-368 Main Street**City **Winnipeg**State **Manitoba**ZIP **R3C 3Z3**Country **Canada**Telephone **204-947-1423**Fax **204-942-5723**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [(if any)]) <b>Philip</b>		Family Name or Surname <b>Gay</b>	
Inventor's Signature 	Date <b>20 Nov 2002</b>		
Residence: City <b>GENEVA</b>	State <b>IL</b>	Country <b>USA</b>	Citizenship <b>CA</b>
Mailing Address <b>MONTGARD CO., 3100 SYCAMORE ROAD</b>			
City <b>DEKALB</b>	State <b>IL</b>	ZIP <b>60115</b>	Country <b>USA</b>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [(if any)]) <b>Stephen</b>		Family Name or Surname <b>Duff</b>	
Inventor's Signature	Date		
Residence: City <b>Winnipeg</b>	State <b>MB</b>	Country <b>CA</b>	Citizenship <b>CA</b>
Mailing Address <b>631 DRAKE CENTRE, University of Manitoba</b>			
City <b>Winnipeg</b>	State <b>Manitoba</b>	ZIP <b>R3C 3Z3</b>	Country <b>Canada</b>
[ ] Additional inventors are being named on _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

[Page 2 of 2]